



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000041593 | Submit Date: 02/08/2018 | Call Sign: KVPT | Facility ID: 69733 | FRN: 0001634948 | State: California | City: FRESNO

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 02/23/2018 | Expiration Date:

Filing Status: InActive

General Information

Section	Question	Response
---------	----------	----------

Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Valley Public Television, Inc. Applicant Doing Business As: Valley Public Television, Inc.	Phyllis Brotherton 1544 VAN NESS AVENUE FRESNO, CA 93721 United States	+1 (559) 266-1800	pbrotherton@valleypbs.org	Other

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact
Representatives
(3)

Contact Name	Address	Phone	Email	Contact Type
Esq Ann West Bobeck West Bobeck , Esq . Covington & Burling LLP	One CityCenter 850 Tenth Street, N.W. Washington, DC 20001 United States	+1 (202) 662-5270	abibeck@cov.com	Legal Representative
Phyllis Lee Brotherton <i>Acting CEO</i> Valley Public Television, Inc. dba ValleyPBS	Phyllis Brotherton 1544 Van Ness Ave Fresno, CA 93721 United States	+1 (559) 266-1800	pbrotherton@valleypbs.org	Legal Representative
Chris Homer Homer Chris Homer LLC	Chris Homer 11338 N. Adobe Village Place Marana, AZ 85658 United States	+1 (520) 278-8298	chris@chrishomerllc.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	69733
	State	California
	City	FRESNO
	DTV Channel	40
	Designated Market Area	FRESNO-VISALIA
Facility Type	Facility Type	Noncommercial Educational
	Station Type	Main
Zone	Zone	2

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1014534
Coordinates (NAD83)	Latitude	36° 44' 45.0" N+
	Longitude	119° 16' 55.0" W-
	Structure Type	NTOWER-Multiple structs
	Overall Structure Height	74.6 meters
	Support Structure Height	60.9 meters
	Ground Elevation (AMSL)	1035.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	67 meters
	Height of Radiation Center Above Average Terrain	698 meters
	Height of Radiation Center Above Mean Sea Level	1102.1 meters
	Effective Radiated Power	250 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	67432
Antenna Manufacturer and Model	Manufacturer:	AND
	Model	ATW20HS6H-HTS-40H
	Rotation	0 degrees
	Electrical Beam Tilt	1.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.369	90	0.319	180	0.928	270	0.949
10	0.319	100	0.369	190	0.949	280	0.928
20	0.343	110	0.474	200	0.968	290	0.906
30	0.403	120	0.591	210	0.985	300	0.878
40	0.455	130	0.697	220	0.996	310	0.839
50	0.475	140	0.78	230	1	320	0.78
60	0.455	150	0.839	240	0.996	330	0.697
70	0.403	160	0.878	250	0.985	340	0.591
80	0.343	170	0.906	260	0.968	350	0.474

Additional Azimuths

Degree	V _A
--------	----------------

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Phyllis Lee Brotherton Lee Brotherton <i>Acting CEO</i> 02/08/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
FCC Predicted NLSC Map KVPT.docx	Applicant	General Information	
TECHNICAL SUMMARY KVPT.docx	Applicant	General Information	
TV Station KVPT CH 40 Engineering Report.docx	Applicant	General Information	KVPT Engineering Report for Aux. Antenna
Vertical Plane Relative Field Pattern TFU-8WB-1-R S230 KVPT.PDF	Applicant	General Information	